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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known					
Application Number	09/834,158				
Filing Date	April 12, 2001				
First Named Inventor	R. Freuler				
Group Art Unit	1751				
Examiner Name	Unknown				
Attorney Docket Number	POWRD-014B				

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				U.S. PATENT DOCU	MENTS	
Examiner Initials	Cite No.1	U.S. Patent Docume Kind Co	ode ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Pli		2 799 793		D.I. Do Cain	07 16 1957	T.
adı		3.013.104		G.V. Young	12-12-1961	
20		3,249,680		A.R. Sheets et al.	05-02-1966	MEA
XX		3,356,828		R.F. Furness	12-05-1967	
201		3,391,242		R.A. Sudges	07-02-1968	nn ·
<i>Qb</i> /		3,463,140		E.A. Rollor, Jr.	08-26-1969	OL 1 1 2000
Z		3,463,161		S. Andrassy	08-36-1969	2001
1242		3,467,547	· _	W. Harvey et al.	08-16-1969	16 7530
Ve/		34476, 177		F. Potzl	11-04-1969	4 200
ad		3.586.102		R. Gilles	06-22-1971	
VADI		3.819.530		Ratledge et al	06-25-1874	
8AA		3.823.089		J. Ryan et al	07-09-1974	~~
Atl		3.887.6283		Beckers	06-03-1975	·\$0
\mathcal{U}		3.972.821		Weidenbenner et al.	08-03-1976	
ab		4.065.908		Mueller	01-03-1978	, 'V
ZW.		4.151.547		Rhoades et al.	04-24-1979	10 82
WO !	5	4,237,086		Gehle	12-02-1980	C + 107
W		4,266,267		Ruegg	05-05-1981	
AM		4,299,715		Whitfield et al.	11-10-1981	
120 T		4,466,483		Whitfield et al.	08-21-1984	

	C:1-	F	oreign Patent Doc	ument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant		
xaminer officials	Cite No.1	Office ³	Number ⁴	Kind Code ^s (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	Je .	İ
			600,8	23	R. DeBuda	06-28-1960			
			1,086,00		W. Sinclair	10-25-1967			
			2,368,5	29	P. Blanie	10-20-1976			L.
							RECE	M	FI
							ILUL	_	
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¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Application Number	09/834,158	_
Filing Date	April 12, 2001	_
First Named Inventor	R. Freuler	
Group Art Unit	1751	-
Examiner Name	Unknown	
Attorney Docket Number	POWRD-0#4B	

					U.S. PATENT DOCUM	MENTS	
	Examiner Initials	Cite No.1	U.S. Pater Number	nt Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	18		4.473.1	13	Whitfield et al.	08-25-1984	
	YAP		4.489.4		Buran	12-25-1984	
	ia		4,139.0	51	Jones et al.	02-13-1979	
	Bei		5,060,1	14	Feinberg et al.	02=22-1991	MC(, HM)
			5523750	86	Kruger et al	08-17-1997	ты 1
	Va		5 904 7	96	Freuler et al	05-18-1999	.1111 1 1 2001
IJ	V 2 X ∧		5,912,8	05	Freuker et also	·06_15_1999	2007
	V0021		5,931,8	31	Linder	08-03-1999	TO A. TO A.
	801		5,986,8	84	Jairazbhoy et al.	11-16-1999	
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	·						1111
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		001117101			Application Number	09/834,158
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ן ו	Sheet	3	of	3	Attorney Docket Number	POWRD-014B

		OWER DEVICES, INC.; "Low Thermal Resistance and Excellent Rectrical Insulation in One Clean, Reliable System"; ISOSTRATE OWER DEVICES, INC.: "Adhesive—Backed Aluminum Substrate with Higherformance Thermal Compound in Easy-to-Use Form; MCM-STRATE: 1996 OWER DEVICES, INC.; "The Cost-Effective Solution to Thermal Interface Problems-Clean, Dry and Easy to Use; THERMSTRATE HOMERICS; "THERMATTACH 404 and 405 Thermally Conductive Adhesive apes"; CHO-THERM Thermal Interface Materials; Technical culletin 72: 1993 HOMERICS; "THERMATTACH T413 and T414 Thermally Conductive dihesive Tapes"; Preliminary Product Data Sheet; 1994 HOMERICS; "THERMATTACH T705 and TV10 Low Thermal Resistance interface Pads"; CHO-THERM Thermal Interface Material; Technical culletin 77; 1997	
	 	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	4
Examiner Initials	Cite No. ¹	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),	
	F	OWER DEVICES, INC.: "Kapton MT Substrate Coated with High Performance Thermal Compound in Easy-to-Use Form"; MCM-Strate;	
	1 1 1	POWER DEVICES, INC.; "Low Thermal Resistance and Excellent Electrical Insulation in One Clean, Reliable System"; ISOSTRATE	
	F	POWER DEVICES, INC.: "Adhesive-Backed Aluminum Substrate with Hig Performance Thermal Compound in Easy-to-Use Form; MCM-STRATE:	r
	Ì	OWER DEVICES, INC.; "The Cost-Effective Solution to Thermal Interface Problems-Clean, Dry and Easy to Use; THERMSTRATE	
	7	CHOMERICS; "THERMATTACH 404 and 405 Thermally Conductive Adhesiv Tapes"; CHO-THERM Thermal Interface Materials; Technical Bulletin 72: 1993	re
		CHOMERICS; "THERMATTACH T413 and T414 Thermally Conductive Adhesive Tapes"; Preliminary Product Data Sheet; 1994	
	1	CHOMERICS; "THERMATTACH T705 and TQ10 Low Thermal Resistance Interface Pads"; CHO-THERM Thermal Interface Material; Technical Bulletin 77; 1997	
]]]	THE BERGQUIST COMPANY; "SIL-PAD Design Guide"; Spring 1993	
		RECENT DECEIVED	
		JUL 1 8 2001 JUL 1 7 2001 TC 1 30 TECHNOLOGY CENTER R3700	
		100	

Examiner Date Signature Considered

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